FIG.1

Prior Art

Determining the presence of a security
feature element during an initialization
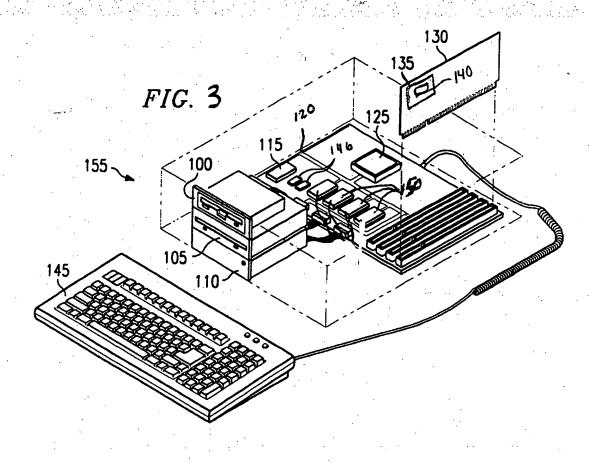of the computer system.
50

Storing a portion of the public key in a
nonvolatile memory within the
computer system if the security feature
element is present.
52

Utilizing an algorithm to determine the
presence of a security card prior to
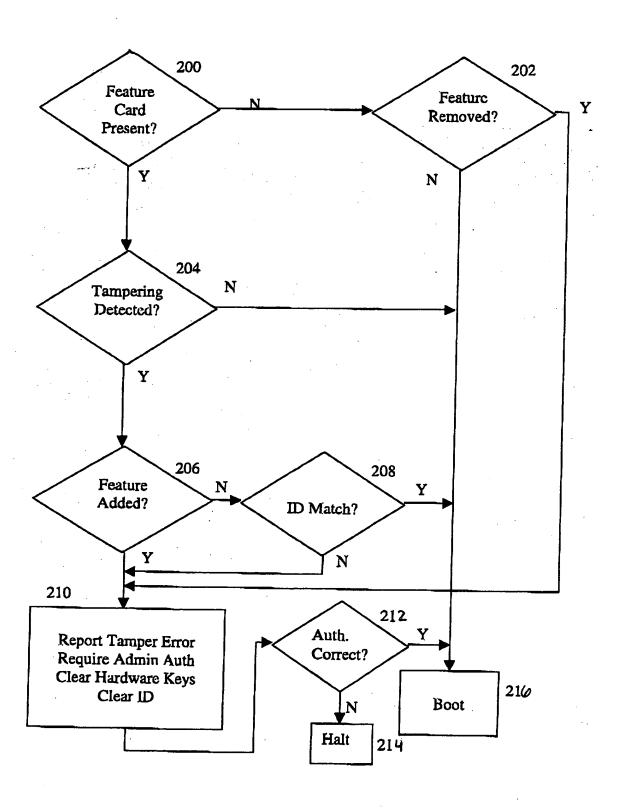each subsequent boot-up of the
computer system.
54

FIGURE 2

FIG. 3

Figure 4

200 Feature Card Present?

— N → **202** Feature Removed? — Y

↓ Y

204 Tampering Detected? — N →

↓ Y

206 Feature Added? — N → **208** ID Match? — Y →

Y ↓   N

210 Report Tamper Error Require Admin Auth Clear Hardware Keys Clear ID

212 Auth. Correct? — Y →

↓ N

214 Halt

216 Boot

EEPROM contents	Security Card Status	Test Result
None	No Card Key	Pass
None	Card Key Installed	Fail
Stored Card Key	No Card Key	Fail
Stored Card Key	Card Key Installed (does not match EEPROM)	Fail
Stored Card Key	Card Key Installed (matches EEPROM)	Pass

Figure 5